

Future Combat Systems Draft



**Program Manager's Intent: Field an FCS -Equipped Unit of Action
with Threshold Objective Force Capability By the End of the Decade**



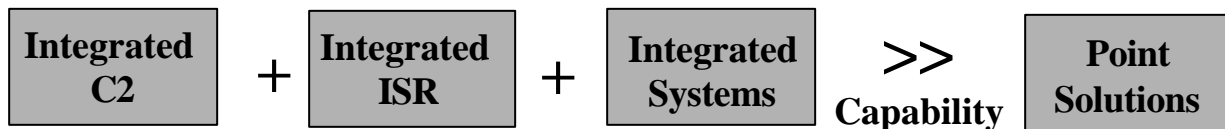
What Are We Going to Buy?

Buy

- ✧ *System of Systems Architecture for FCS Equipped Units of Action*
 - *System of Systems Design*
 - *C4ISR Design*
 - *Integrated Unmanned & Manned Ground & Air Systems*
 - *Support for Advanced Collaborative Environment*

Influence

- ✧ *Hardware / Software*
 - *Munitions*
 - *Sensors*
 - *Mobility*
 - *Communications*
 - *Interoperability Interfaces*
- ✧ *Any System/Sub-System Essential to FCS Within the UA and UE*

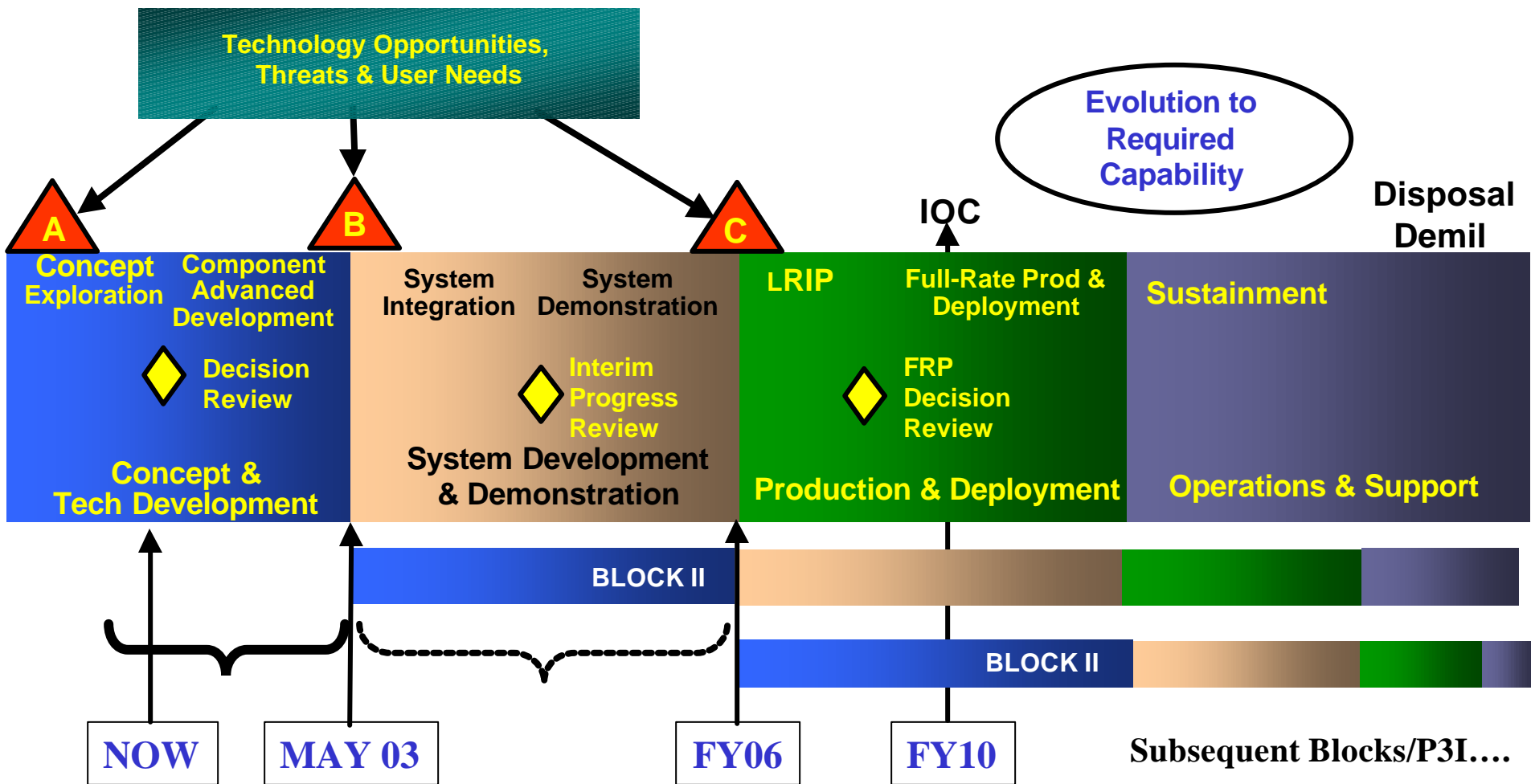


Program Manager's Intent: Field an FCS -Equipped Unit of Action with Threshold Objective Force Capability By the End of the Decade



Unit of Action and Evolutionary Acquisition

(DUSD(ATL) Memo, 12 Apr 02, Evolutionary Acquisition and Spiral Development)



Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade



Key Performance Trade Studies

Required Trade Areas		Need By:	Impacts
ICV Carry Capacity		Mid Aug	ICV Veh Design; Org Design; C-130 Deployability
ARV Robotic C2		Mid Aug	ARV Veh Design (manned vs level of unmanned); Org Design (CV's)
105 vs 120mm Gun Caliber Determination		Mid Jun	Family of Ammo; BLOS/LOS Veh Design; Growth to NLOS; C-130
Guns vs Missiles (and Mix)	BLOS/LOS Veh Leth Options	Mid Aug	BLOS/LOS Veh Design; Choice of Guns vs Missiles vs Combination
	ARV Lethality Options	Mid Jun	ARV Veh Design; Choice of Guns vs Missiles vs Combination
	NLOS Mixes	Mid Aug	Lethality Mix in Org Design
Crew Task Workload (2 vs 3 Crew)		Mid Aug	ICV, NLOS Mortar, NLOS 155, BLOS/LOS Designs; Org Design
Mobility/Propulsion	Diesel vs Turbine & water gen.	Mid Aug	All Veh Designs; Org Design; Crew Carry & Other Payloads; H2O Gen.
	Tracks vs Wheels vs Trk Over	Mid Aug	All Veh Designs; Org Design; Tactical Mobility; Payload
	Hybrid Electric vs Mechanical	Mid Aug	All Veh Designs; Org Design; Log Footprint; Payload
	Skid Str vs Limited Ackerman	Mid Aug	All Veh Designs; Payload
Survivability	Sleewable vs Non-Sleewable APS	Mid Aug	All Veh's with APS in Surv Suite
	Ballistic Protect & Appliqué Arm	Mid Aug	NLOS, BLOS/LOS, ICV, R&S Veh Designs; C-130 Deployability
	APS vs Ballistic Protection	Mid Aug	All Veh's with APS in Surv Suite



Draft Management Structure Alternative 1 As Presented 23 May

Board of Directors

- DASA(R&T)
- DIR, TTO
- DCSDEV, TRADOC
- DCSRDA, AMC
- Dir, DCMA
- Dep Dir, OFTF
- CG ATEC
- DASA(SM)
- PEOs
 - Ammo
 - AMD
 - Aviation
 - C3T
 - CS/CSS
 - IEW&S
 - Soldier
 - TAC MSLS
 - CG, SMDC
 - CG STRICOM
 - STAMIS

